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Application/ Control No.: 10/624,002
Examiner: GOLOBOY, James C

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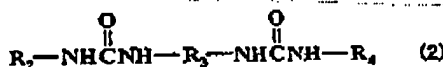
IN THE CLAIMS

Please amend the claims of the present application under the provisions of 37 C.F.R. §1.121(c), as indicated below:

1. (Currently amended): A nitrate free grease composition for avoiding an abnormal peeling of a rolling surface of a bearing, said nitrate free grease comprising:

a base oil,
a thickener, and
an additive,

wherein the base oil contains 20% by weight or more of alkyldiphenyl ether oil and does not contain ester oil in the base oil, and has a kinetic viscosity of 20 to 150 mm²/s at 40 degree° C, and wherein the thickener is an aromatic diurea compound represented by the following formula (2)



where R₂ and R₄ are the same or different, and represent each an aromatic hydrocarbon group having 6 to 15 carbon atoms, and R₃ represents an aromatic hydrocarbon group having 6 to 15 carbon atoms, and is contained in an amount of 5 to 30% by weight based on the total amount of the base oil and the thickener, and wherein the additive contains as an essential component 0.05 to 5 parts by weight of a sodium sebacate based on 100 parts by weight of the base oil and the thickener.

2. (Canceled)

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3. (Previously presented): The grease composition as claimed in claim 1, wherein the base oil contains synthesized hydrocarbon oil.

4-6 (Canceled)

7. (Previously presented): The grease composition as claimed in claim 1, wherein each of the R_2 and R_4 is $C_6H_4(CH_3)$, and the R_3 is $-C_6H_4CH_2C_6H_4-$.

8-10 (Canceled)

11. (Previously presented): The grease composition as claimed in claim 1, wherein the additive comprises 0.05 to 5 parts by weight of an antioxidant in addition to sodium sebacate based on 100 parts by weight of the base oil and the thickener.

12. (Previously presented): The grease composition as claimed in claim 11, wherein the antioxidant is selected from the group consisting of a sulfur-containing antioxidant, a phenol-based antioxidant and an amine-based antioxidant.

13. (Original): A grease composition sealed bearing, in which a sliding part of the bearing is sealed with the grease as claimed in claim 1.

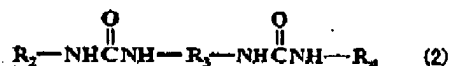
14. (Currently amended): A nitrate free grease composition for avoiding an abnormal peeling of a rolling surface of a bearing, said nitrate free grease consisting essentially of:

a base oil,
a thickener, and
an Additive,

wherein the base oil ~~contains 20% by weight or more of~~
consists of alkyldiphenyl ether oil ~~in the base oil~~, and has a kinetic viscosity of 20 to 150 mm²/s at 40°C, and wherein the

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thickener is an aromatic diurea compound represented by the following formula (2)



where R2 and R4 are the same or different, and represent each an aromatic hydrocarbon group having 6 to 15 carbon atoms, and R3 represents an aromatic hydrocarbon group having 6 to 15 carbon atoms and is contained in an amount of 5% to 30% by weight based on the total amount of the base oil and the thickener,

wherein the additive contains as an essential component 0.05 to 5 parts by weight of a sodium sebacate based on 100 parts by weight of the base oil and the thickener,

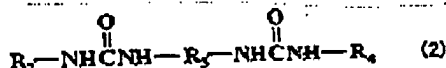
wherein the antioxidant is selected from the group consisting of a sulfur-containing antioxidant, a phenol-based antioxidant and an amine-based antioxidant.

15. (New): A nitrate free grease composition for avoiding an abnormal peeling of a rolling surface of a bearing, said nitrate free grease consisting essentially of:

- a base oil,
- a thickener, and
- an Additive,

wherein the base oil consists of 80% by weight of alkylidiphenyl ether oil and 20% by weight of synthesized hydrocarbon oil, and has a kinetic viscosity of 20 to 150 mm²/s at 40°C,

wherein the thickener is an aromatic diurea compound represented by the following formula (2)



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where R2 and R4 are the same or different, and represent each an aromatic hydrocarbon group having 6 to 15 carbon atoms, and R3 represents an aromatic hydrocarbon group having 6 to 15 carbon atoms and is contained in an amount of 5% to 30% by weight based on the total amount of the base oil and the thickener,

wherein the additive contains as an essential component 0.05 to 5 parts by weight of a sodium sebacate based on 100 parts by weight of the base oil and the thickener,

wherein the antioxidant is selected from the group consisting of a sulfur-containing antioxidant, a phenol-based antioxidant and an amine-based antioxidant.